

Please amend the present application as follows:

**Claims**

The following is a copy of Applicant's claims that identifies language being added with underlining ("\_\_\_\_") and language being deleted with strikethrough ("~~\_\_\_\_\_~~") or brackets ("II II"), as is applicable:

1. (Currently amended) A method for providing a client on a remote client network access to a service provider resource on a local service provider network, the method comprising:

providing a graphical user interface (GUI) to an operator of the service provider, ~~with which client connectivity with the resource on the local network can be enabled wherein the GUI can be used by the service provider operator to construct a virtual local area network (VLAN) between a client computer on the remote client network and a service provider computer on service provider~~, the GUI being configured such that the process used by the service provider operator to ~~facilitate connectivity~~ construct the VLAN using the GUI is the same regardless of a configuration of the remote client network;

receiving commands of the service provider operator with the GUI that convey the identity of the client and the ~~resource~~ service provider computer to be accessed by the client;

automatically determining the configuration of the client network ~~configuration~~;  
and

automatically establishing ~~client connectivity to the resource~~ a VLAN between the client computer and the service provider computer so as to ~~provide the client on the remote client network access to the resource on the local network~~ enable the client to remotely utilize the computing capabilities of the service provider computer.

2. (Currently amended) The method of claim 1, wherein the GUI comprises lists of clients and available ~~resources~~ service provider computers.

3. (Previously presented) The method of claim 2, wherein receiving commands comprises first receiving selection of a client for which connectivity is to be provided.

4. (Currently amended) The method of claim ~~3~~ 2, wherein receiving commands ~~further~~ comprises detecting association of a ~~resource~~ service provider computer with a client VLAN.

5. (Currently amended) The method of claim 4, wherein association of a ~~resource~~ service provider computer with a client VLAN is communicated with the GUI by dragging the ~~resource~~ service provider computer and dropping it on the client VLAN.

6. (Currently amended) The method of claim 1, wherein determining the ~~client network~~ configuration of the client network comprises accessing a connectivity database that stores the client network configurations.

7. (Currently amended) A system for providing a client on a remote client network access to a service provider resource on a local service provider network, the system comprising:

means for providing a graphical user interface (GUI) to an operator of the service provider, ~~with which client connectivity with the resource on the local network can be enabled~~ wherein the GUI can be used by the service provider operator to construct a virtual local area network (VLAN) between a client computer on the remote client network and a service provider computer on service provider, the GUI being configured such that the process used by the service provider operator to ~~facilitate connectivity~~ construct the VLAN using the GUI is the same regardless of a configuration of the remote network;

means for receiving commands of the service provider operator with the GUI that convey the identity of the client and the ~~resource~~ service provider computer to be accessed by the client;

means for automatically determining the configuration of the client network configuration; and

means for automatically establishing ~~client connectivity to the resource~~ a VLAN between the client computer and the service provider computer so as to ~~provide the client on the remote client network access to the resource on the local network~~ enable the client to remotely utilize the computing capabilities of the service provider computer.

8. (Currently amended) The system of claim 7, wherein the GUI comprises lists of clients and available ~~resources~~ service provider computers.

9. (Original) The system of claim 8, wherein the means for receiving commands comprises means for receiving selection of a client for which connectivity is to be provided.

10. (Currently amended) The system of claim 9 ~~8~~, wherein the means for receiving commands ~~further~~ comprises means for detecting association of a ~~resource~~ service provider computer with a client VLAN.

11. (Currently amended) The system of claim 7, wherein the means for determining the configuration of the client network ~~configuration~~ comprises means for accessing a connectivity database that stores the client network configurations.

12. (Currently amended) A computer readable medium comprising a program configured to provide a client on a remote client network access to a service provider resource on a local service provider network, the program comprising:

logic configured to provide a graphical user interface (GUI) to an operator of the service provider, ~~with which client connectivity to the resource on the local network is enabled wherein the GUI can be used by the service provider operator to construct a virtual local area network (VLAN) between a client computer on the remote client network and a service provider computer on service provider~~, the GUI being configured such that the process used by the service provider operator to ~~facilitate connectivity~~ construct the VLAN using the GUI is the same regardless of a configuration of the remote client network;

logic configured to receive commands of the service provider operator with the GUI that convey the identity of the client and the ~~resource~~ service provider computer to be accessed by the client;

logic configured to automatically determine the configuration of the client network configuration; and

logic configured to automatically establish ~~client connectivity to the resource a VLAN between the client computer and the service provider computer~~ so as to provide ~~the client on the remote client network access to the resource on the local network~~ enable the client to remotely utilize the computing capabilities of the service provider computer.

13. (Currently amended) The computer readable medium of claim 12, wherein the GUI comprises lists of clients and available ~~resources~~ service provider computers.

14. (Previously presented) The computer readable medium of claim 13, wherein the logic configured to receive commands comprises logic configured to receive selection of a client for which connectivity is to be provided.

15. (Currently amended) The computer readable medium of claim 14, wherein the logic configured to receive commands further comprises logic configured to detect association of a ~~resource~~ service provider computer with a client VLAN.

16. (Currently amended) The computer readable medium of claim 12, wherein the logic configured to determine the configuration of the client network ~~configuration~~ comprises logic configured to access a connectivity database that stores the client network configurations.

17. (Currently amended) A graphical user interface (GUI) that facilitates ~~provision of access to a device on a remote network to a resource on a different network~~ utilization of a service provider computer on a local service provider network by a remote client, the GUI comprising:

a first window that is used to create new client virtual local area networks (VLANs) and that identifies client VLANs that have already been created; and

a second window that identifies ~~resources~~ service provider computers on a the local service provider network that are available for use by clients on remote client networks;

wherein new VLANs can be created irrespective of the configurations of the remote client networks by dragging a ~~resource~~ service provider computer from the second window to a client identified in the first window and dropping the ~~resource~~ service provider computer on the identified client and wherein such dragging and dropping causes automatic determination of a remote client network configuration.

18. (Currently amended) The GUI of claim 17, wherein the first window includes a VLANs subwindow that identifies clients and a resources subwindow that identifies ~~resources~~ service provider computers associated with the clients identified in the VLANs subwindow.

19. (Currently amended) The GUI of claim 17, wherein dragging and dropping further causes automatic establishment of client connectivity to the resource a VLAN between the client and the service provider computer regardless of the configuration of the remote client network so as to provide the client on the remote client network access to the resource on the local network.